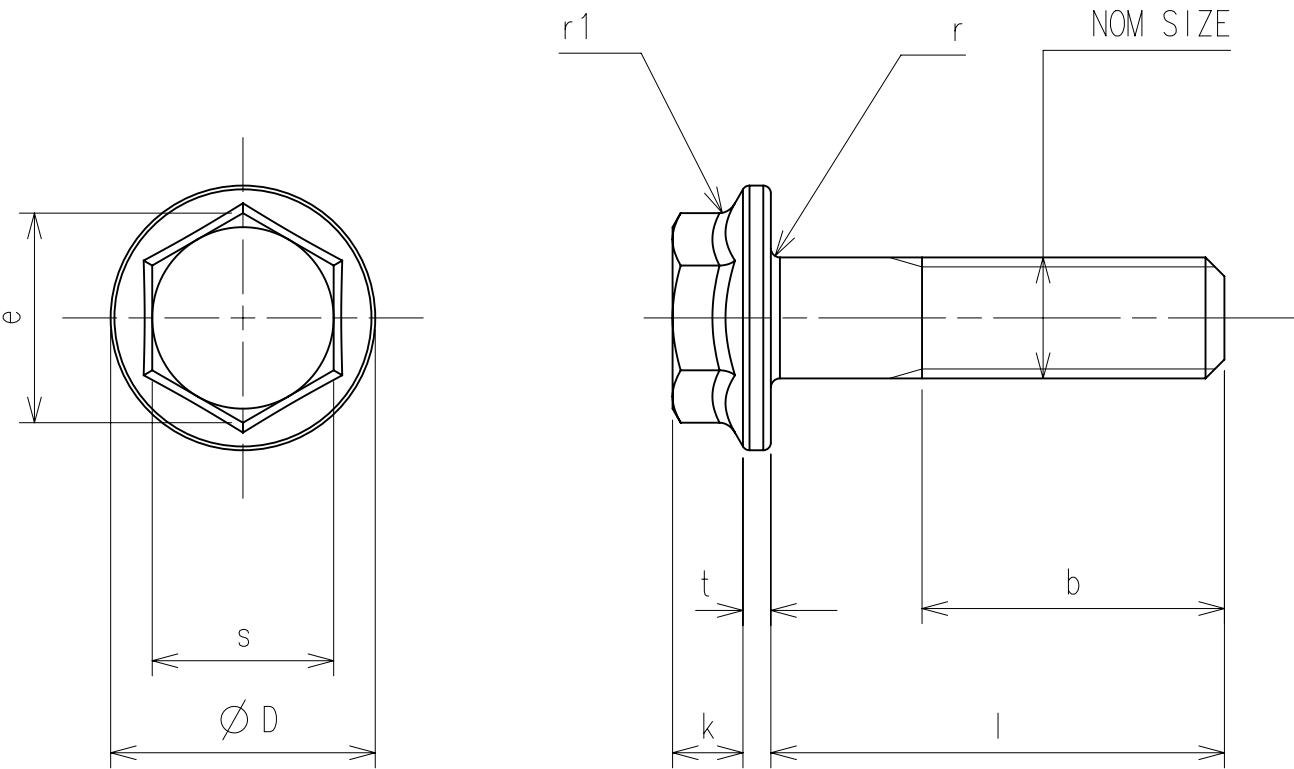


SF0102329

Z Y X W V U T S R P N M L K J H G F E D C B A



NOTES :-

- 1. FOR GENERAL TECHNICAL REQUIREMENT REFER M&M STANDARD J-00-0134.
- 2. UNLESS SPECIFIED END POINT DIMENSIONS AS PER ISO 4753.
- 3. UNLESS SPECIFIED DIMENSIONS AS PER ISO 4162.
- 4. UNSPECIFIED GENERAL TOLERANCES AS PER ISO 4759-1, PRODUCT GRADE A.
- 5. MECHANICAL PROPERTIES AS PER ISO 898-1.
- 6. THREAD RUNOUT SHOULD BE AS PER ISO 3508.
- 7. SURFACE DISCONTINUITIES AS PER ISO 6157-1.
- 8. PART MUST BE FREE FROM DEFECTS OF WORKMANSHIP WHICH MAY AFFECT THE FUNCTION & SERVICELABILITY OF THE PART.
- 9. SUPPLIER MUST COMPLY WITH THE REQUIREMENT OF ELV & HAZARDOUS MATERIAL CONTENT AS SPECIFIED IN M&M STANDARD F-00-1474, AS PER THE MARKET REQUIREMENT.

ECN NO.	C/L	DGNR	ENGR	CAD STD	APPD	DATE	ZONE	REMARK
EN15-12407N	A		.				.	SF0102329-NEW RELEASE
			.				.	
NOMINAL SIZE							M12	
PITCH 'p' (mm)							1.75	
THREADED LENGTH 'b' (mm)							40.00	
THREAD DIRECTION							RIGHT HAND	
WIDTH ACROSS FLAT MAX 's' (mm)							17.00	
WIDTH ACROSS FLAT MIN 's' (mm)							16.57	
WIDTH ACROSS CORNER MIN 'e' (mm)							18.55	
FLANGE DIA 'D' (mm)							24.70	
HEAD THICKNESS 'k' (mm)							8.00	
FLANGE THICKNESS MAX 't' (mm)							3.00	
FLANGE THICKNESS MIN 't' (mm)							2.00	
FILLET RADIUS BOLT HEAD 'r1' (mm)							0.70	
FILLET RADIUS 'r' (mm)							0.60	
LENGTH 'l' (mm)							90.00	
HEAD TYPE							FILLETED COLLAR	
END TYPE							CHAMFERED END	
SELF LOCKING TYPE							-	
MECHANICAL PROPERTY CLASS							10.9	
MATERIAL							STEEL	
SURFACE FINISH							Fe/Zn 7.5 Tri Iri Yellow+TC(120wr/240rr)	



MAHINDRA & MAHINDRA LTD.
AUTOMOTIVE SECTOR, CHENNAI

MATERIAL :- STEEL TO SUIT PROPERTY CLASS	SYMBOLS		TOTAL NO
	CRITICAL CHARACTERISTICS <CC>	00	00
	SIGNIFICANT CHARACTERISTICS <SC>	00	00
HEAT TREATMENT :- TO SUIT PROPERTY CLASS	SURFACE FINISH	✓	00
	ASSOC 3-D MODEL: Y	VER NO.: 00	
SURFACE TREATMENT :- REFER TABLE	ALL DIMENSIONS ARE IN mm.		
	SURFACE FINISH SYMBOLS : ISO 1302		
	WELDING SYMBOLS : IS:813-1986		
SCALE 1:1	DESCRIPTION		
	BOLT HEX FL M12X1.75X90X10.9		

APPD	.	.
CAD CHK	.	.
MATERIAL	.	.
ENGR	.	.
DGNR	-	-
BY	SIGN.	DATE
WT: 0.00 Kg	S.AREA: 0.00 cm²	
REF/LAYOUT No.: ---		
PF CODE: SF0102		
MODEL: ---		
DRG. No.	SF0102329	C/L A
SHEET 1	OF 1	A3